

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) An integrated circuit for a data carrier, comprising:
  - a first terminal and a second terminal, wherein the two terminals are provided for connection with transmission means of the data carrier,
  - an ESD protection circuit, which is connected between the two terminals and which comprises a series connection consisting of a first protection diode and a protection stage, which protection stage may be brought from a blocking state into a conductive state by exceeding a voltage threshold, and which comprises a second protection diode connected in parallel with the series connection and in opposition to the first protection diode of the series connection, and
  - a rectifier circuit, which is connected to the ESD protection circuit and comprises a rectifier diode connected in parallel with the ESD protection circuit,
  - wherein the rectifier diode of the rectifier circuit takes the form of a Schottky diode with a parasitic p/n junction and wherein the Schottky diode with the parasitic p/n junction simultaneously forms the second protection diode of the ESD protection ~~circuits~~ circuit.
2. (previously presented) An integrated circuit as claimed in claim 1, wherein the rectifier circuit takes the form of a voltage doubler circuit.
3. (currently amended) A data carrier for contactless communication with a communications station, which data carrier comprises:
  - transmission means and
  - an integrated circuit connected with the transmission means, which integrated circuit comprises ~~the following means:~~

a first terminal and a second terminal, wherein the two terminals are connected with the transmission means, ~~and~~

an ESD protection circuit, which is connected between the two terminals and which comprises a series connection consisting of a first protection diode and a protection stage, which protection stage may be brought from a blocking state into a conductive state by exceeding a voltage threshold, and which comprises a second protection diode connected in parallel with the series connection and in opposition to the first protection diode of the series connection, and

a rectifier circuit, which is connected to the ESD protection circuit and comprises a rectifier diode connected in parallel with the ESD protection circuit,

wherein the rectifier diode of the rectifier circuit takes the form of a Schottky diode with a parasitic p/n junction and wherein the Schottky diode with the parasitic p/n junction simultaneously forms the second protection diode of the ESD protection circuit.

4. (previously presented) A data carrier as claimed in claim 3, wherein the rectifier circuit takes the form of a voltage doubler circuit.

5. (canceled)

6. (canceled)

7. (new) An integrated circuit as claimed in claim 1, wherein the rectifier circuit further comprises a second rectifier diode that takes the form of a Schottky diode.

8. (new) An integrated circuit as claimed in claim 7, wherein the rectifier circuit further comprises a third rectifier diode and a fourth rectifier diode, wherein the third and fourth rectifier diodes each take the form of a Schottky diode.

9. (new) A data carrier as claimed in claim 3, wherein the rectifier circuit further comprises a second rectifier diode that takes the form of a Schottky diode.

10. (new) A data carrier as claimed in claim 9, wherein the rectifier circuit further comprises a third rectifier diode and a fourth rectifier diode, wherein the third and fourth rectifier diodes each take the form of a Schottky diode.